

CLAIMS

1. A joining structure having one or more tabular members protruding from the surface of a structural member, characterized by bending one or both ends of each  
5 tabular member.

2. A joining structure according to claim 1, characterized in that: each tabular member is a reinforcing rib extending in the direction of the principal stress of the structural member and protruding  
10 in the shape of T; and one or both ends of each reinforcing rib is/are bent in a direction deviating from the direction of said principal stress.

3. A joining structure according to claim 1, characterized by bending one or both ends of each tabular  
15 member in the shape of an gradual curve.

4. A joining structure according to claim 2 or 3, characterized by bending one or both ends of each tabular member to the extent that each bent end is formed at a right angle to the direction of the principal stress.

20 5. A joining structure according to claim 2, characterized by bending each tabular member into the shape of U or V.

6. A joining structure according to any one of claims 1 to 5, wherein the structural member has a  
25 coupling flange or a base plate, and one or more tabular members are disposed between the structural member and the coupling flange or base plate.

7. A joining structure according to any one of claims 1 to 5, wherein each tabular member serves as a  
30 fixture for one or more members to be joined.

8. A joining structure according to any one of claims 1 to 5, wherein a tabular member serves as a fixture for a secondary member.

9. A joining structure wherein anchor bolts  
35 extending in the direction of the principal stress of a structural member are welded to the surface of the structural member, characterized by bending an end of

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each anchor bolt in a direction deviating from the  
direction of said principal stress.

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